## ABSTRACT OF THE DISCLOSURE

A method of synthesizing a compound having the formula:

$$H_2C = CH$$
 $N = RR^1$ 
 $O = CH$ 

comprising the step of:

reacting a N-vinylformamide salt having the formula

$$H_2C = CH$$
NM
 $O = CH$ 

with a compound having the formula XRR<sup>1</sup>; wherein X is Br, Cl or I, M is an alkali metal or an alkali earth metal,  $R^1$  is a C0-C25 alkylene group, a C0-C25 fluroalkylene group or a C0-C25 perfluoro alkylene group,  $R^2$  is H, provided  $R^1$  is not absent, an alkyl group, a fluroalkyl group, a perfluoroalkyl group, an aryl group, a hydroxy group, a polyether group, a heterocyclic group of 5 or 6 atoms wherein at least one of the atoms is not a carbon and is N, O, or S,  $-OR^3$ , wherein,  $R^3$  is an alkyl group, a fluoroalkyl group, a perfluoroalkyl group, or an aryl group,  $-C(O)R^4$ ,  $-C(O)OR^4$ ,  $-OC(O)R^4$ , wherein  $R^4$  is an H, an alkyl group, a fluoroalkyl group, a perfluoroalkyl group, a perfluoroalkyl group, a perfluoroalkyl group, a fluoroalkyl group, a fluoroalkyl group or an aryl group, a fluoroalkyl group or an aryl group, a perfluoroalkyl group or an aryl group.